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FIGURE 12:10

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                                               COTEL CHARGE CONTRACTOR STATE OF STATE STATEMENT STATEME
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                  4A5P-1
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                                               HALDE EPOTOLTCORROHELRYHODPHPCPKEDTPH SYWEPARA KYVPROVVOLTCLOGPEVVEGRVGATSPYSTEGENGRHSHSKLK
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SVRPONRODESTN PRIDIALLELENEVITCPHILIPICLP DROT FYDICINGYVSOFGYMEER LAHOLSPYRLPVARPQACEN WLA
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WKILEV PEGRTN FONDIALVRIKDPVENGPTVSPIGLPGTSSOYTLADGDLGLISGNGRTEKEDRAVRLEAAALDVAPLRKGREVKVE

SYTANHICADLESGGKDSCRGDSCGALVPLOS ETER FFYOCIVSMGSKNEGSEAGGYGVYTKYTHYTHITENITSDF

KYTRENI CACEKEGKDAESGOSGCPMYTUNR RRGC WLVUTVSMGD DCCKKERYGVYSY ENDREMIORYTOVRN

VESONMECACHESEKODACOCOSCOVEAVROP HTDR WATCIVSMCI CCSAG YCETTKYLMYVOMIKKEMEEED

KPTADALAYVFTPHMICAGGER CHDECKCDSCGAFAVQDPHOXTEFYAAGLVSWOP OCCT VCLYTRVDYVDMTHKTMQENSTPRED (1)

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FIGURE

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3AS2-1

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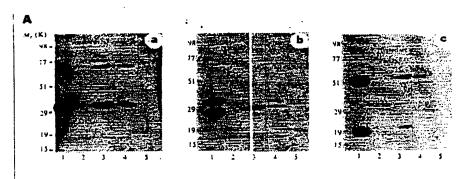


FIGURE 3A

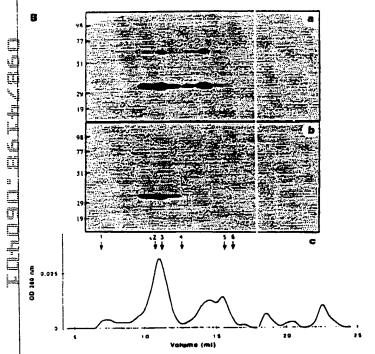


FIGURE 36

FIGURE 4 a & b

Classical pathway

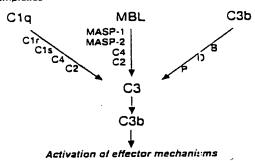
MS Lectin pathway

Alternative pathway

Antigen-antibody complexes

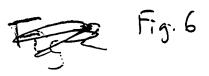
Microbial surfaces

Microbial surfaces



FIGURE

ctegtgelatteggelegaggetgglegggeleleleatglggctgctglcctcctgggccttctgtgtgcctcggtggcclccccttlggcccgllgt 100 MRLLTLGLLCGSVAT GGCCTGAACCTGTGTTCGGGCGCCTGGCATCCCCCGGCTTTCCAGGGGAGTATGCCAATGACCAGGAGCGGCGCGCTGGACCCTGACTGCACCCCCGGCTA 200 W P E P V F G R L A S P G F P G E Y A N D Q E R R W 40 COGCCTGCGCCTCTACTTCACCCACTTCGACCTGGAGCTCTCCCACCTCTGCGAGTACGACTTCGTCAAGCTGGGGGGCCCAAGGTGCTGGCCACG 300 Y F T H F D L E L S H L C E Y D F V K L S 73 CTGTGCGGGCAGGAGGACACAGACACGGAGCGGGCCCCTGGCAAGGACACTTTCTACTCGCTGGGCTCCCGCCTGGACATTACCTTCCGCTCCGACTACT 106 TFRSD C G Q E S T D T E R A P G K D T F Y S L G S S L D CCAACGAGAAGCCGTTCACGGGGTTCGAGGCCTTCTATGCAGCCGAGGACATTGACGAGTGCCAGGTGGC:CCCGGGAGAGGGCGCCCACCTGCGACCACCA 500 EKPFTGFEAFY AAEDIDECQVAPGEAP GCCACAACCACCTGGGCGGTTTCTACTGCTCCTGCCGCGCAGGCTACGTCCTGCACCGTAACAAGCGCACCTGCTCAGCCCTGTGCTCCGGCCAGGTC 600 C H N H L G G F Y C S C R A G Y V L H R N K R T C S A L C ##CACCCAGAGGTCTGGGGAGCTCAGCAGCCCTGAATACCCACGGCCGTATCCCAAACTCTCCAGTTGC\CTTACAGCATCAGCCTGGAGGAGGGGGTTCA 700 Q R S G E L S S P E Y P R P Y P K L S S C T Y S I S L E E G F 206 800 - LKIQTDREEH ILDFVESFDVETHPETLCPYD TO BOARGAT CONCTACACGAGCACAGCGCAGCCTTGCCCTTATCCGATGGCGCCACCTAATGGCCACGTT I CACCTGTGCAAGCCAAATACATCCTGAAAG 1000 YPMAPPNGHV SPVQAKYILK KIHYTSTAQPCP ***ACAGCTTCTCCATCTTTTGCGAGACTGGCTATGAGCTTCTGCAAGGTCACTTGCCCCTGAAATCCTTTACTGCAGTTTGTCAGAAAGATGGATCTTGGGA 1100 TAVCQKDGSW 340 FSIFCETGYELLQGHLPLKSF 1200 CCGGCCAATGCCCGCGTGCAGCATTGTTGACTGTGGCCCTCCTGATGATCTACCCAGTGGCCGAGTGGAGTACATCACAGGTCCTGGAGTGACCACCTAC R P M P A C S I V D C G P P D D L P S G R V E Y I T G P G V 373 406 AAGGAGAAAAATCACTCCCAGTCTGTGAGCCTGTTTGTGGACTATCAGCCCGCACAACAGGAGGGCGTFTATATGGAGGGCAAAAGGCAAAACCTGGTGA 1400 TTTTCCTTGGCAAGTCCTGATATTAGGTGGAACCACAGCAGCAGCAGCTGCACTTTTATATGACAACTGGGTCCTAACAGCTGCTCATGCCGTCTATGAGCAA 1500 V L I L G G T T A A G A L L Y D N W V L T A A E A PWQ AAACATGATGCATCCGCCCTGGACATTCGAATGGGCACCCTGAAAAGACTATCACCTCATTATACACAL.GCCTGGTCTGAAGCTGTTTTATACATGAAG 1600 K H D A S A L D I R M G T L K R L S P H Y T Q A W S E A 506 1700 GTTATACTCATGATGGCTTTGACAATGACATAGCACTGATTAAATTGAATAACAAAGTTGTAATCLATAGCAACATCACGCCTATTTGTCTGCCAAG GYTHDAGFDN DIALIKLNNKVVINSNI 540 KEAESFMRTDDIGTASGWGLTQRGFLARNLMY GACATACCGATTGTTGACCATCAAAAATGTACTGCTGCATATGAAAAGCCACCCTATCCAAGGGGAAG 'GTAACTGCTAACATGCTTTGTGCTGGCTTAG 1900 Y P R G S V T A N M L C A G L DIPIVDHQKCTAAYEKPP AAAGTGGGGGCAAGGACAGCTGCAGAGGTGACAGCGGGAGGGGCACTGGTGTTTCTAGATAGTGAAACA:AQAGGTGGTTTGTGGGAGGAATAGTGTCCTG 2000 S G G K D S C R G D S G G A L V F L D S E T E R W F VGGIVS GGGTTCCATGAATTGTGGGGAAGCAGGTCAGTATGGAGTCTACACAAAAGTTATTAACTATATTCCCT ;GATCGAGAACATAATTAGTGATTTTTAACEE 2100 671 S M N C G E A G Q Y G V E regtgtetgeagteaaggattetteatttttagaaatgeetgtgaagaeettggeagegaegtggetejagaageatteateattaetgtggaeatggea 2200 gttgttgctccaccaaaaaacagactccaggtgaggctgccgtcatttctccacttgccagtttaattccagccttacccattgactcaaggggacat 2300 aaaccacgagagtgacagtcatctttgcccacccagtgtaatgtcactgctcaaattacatttcattaccttaaaaagccagtctctttcatactggct 2400



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